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Abstract

"MEDICAL SHOP APP ONLINE"

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MEDICAL SHOP APP ONLINE

ABSTARCT:

The establishment and improvement of doctor-patient interaction system is a very important requirement, especially now when the communication technology is developing rapidly. The advantages of web can be made full use of to make up the time and distance gap between doctors and patients and to provide fast and adequate medical services. Through the connection between user terminals and specific service, both doctors and patients are able to obtain required data to achieve a better interaction. The platform, Web services and database technology are all gradually maturing, so that we can develop a doctor-patient interaction system on web application platform to meet the needs of the patient and provide doctors more efficient and convenient   means of communication with patients. Doctor can see the complaint and provide the neccassary solutions for the patients. Admin can manages the patients record in efficiently. Using the web portal admin can also generate the day/weekly/monthly reports.

Existing Solution:

In today's world if someone wants to book a Doctor's Appointment we need to call in clinic or personally go to that place and book the appointment. This consumes precious time of the patient. Also if the doctor cancels his / her schedule, the patient does not come to know about it unless he/she goes to the clinic.

Disadvantages

- Management of patient records manually by means of notepad or computer is too complex.
- Generate report is difficult.
- Checking the history consumes time.

Proposed Solution:

The proposed system consists of four panels: Doctor, Patient and Admin.

The users will first have to login to web application.

- Using the web portal Doctor and patient can access the complaint and

- get resolved the medicine or history.

- The patient will have to register into the application for the first time. On registering, the patient will receive a username and password.

- The patient can use this username and password for logging into the app each time he/she uses it. After logging in, the patient will have to select a filtration type. The filtration is done on two bases: Gender wise and Specialty wise. After selecting the filtration type, the doctors list will be displayed. The patient can select any particular doctor and view his profile. And patient give reviews on doctor profile.

- Also the patient can view the doctor's profile and look for an appointment. The patient will then send a complaint.

Advantages

- Patient record history by using a unique ID is maintained and filter by Daily/weekly/monthly

- Web portal can be accessed by Globally

- Process of patient complaint and records can be resolved through online.

- Reports of all patient will be permanent and safe.

- Feedback about the doctor is useful for the remaining users who are searching for a solution.

- By using contact information of doctor, student and staff can accessed.

Software Requirements:

- Front End: HTML5, CSS3, Bootstrap
- Back End: PHP, MYSQL
- Control End: Angular Java Script\

Android Tools:

- Android Emulator
- xampp-win32-5.5.19-0-VC11
- Android SDK – adt-bundle-windows-x86
- IDE: Eclipse Mars
- jdk-8u66-windows-i586

PHP Tools:

- xampp-win32-5.5.19-0-VC11